

1. A toner composition comprising:
 - a) a primary resin having a polymeric structure comprising at least one distinct repeating structural unit;
 - b) at least one wax release agent having a polymeric structure comprising at
5 least one distinct repeating structural unit; and
 - c) a secondary resin comprising a random copolymer, wherein the structure of said random copolymer has at least one repeating structural unit compatible with at least one distinct repeating structural unit of said primary resin and at least one other repeating structural unit which is compatible with at least one distinct repeating structural
10 unit of said wax release agent.
2. The composition of claim 1, wherein said random copolymer is present in an amount effective to at least partially compatibilize the primary resin and said wax.
3. The composition of claim 1, wherein said random copolymer is present in an amount effective to produce maximum wax domain sizes of about 0.5-3.5 microns in the finished toner, as measured by Scanning Electron Microscopy.
4. The composition of claim 3, wherein said maximum wax domain sizes are in the range of from about 1 to about 2.5 microns.
5. The composition of claim 1, wherein said random copolymer is present in an amount effective to reduce the differential of wax contents between the toner particles and the fines particles to less than about 20 weight percent.
6. The composition of claim 5, wherein said differential of wax contents is less than about 10 weight percent.

7. The composition of claim 1, wherein said primary resin is the polymeric reaction product of reactants selected from the group consisting of styrene and its substitution analogs, homopolymers and copolymers of styrene and substitution copolymers thereof, acrylic and (meth)acrylic monomers and their polymers and copolymers, vinyl chloride
5 and its polymers, vinyl alcohol and its polymers, olefins and polyolefins, urethanes and polyurethanes, amides and polyamides, epoxides and polymers and copolymers of epoxides, and esters and polymers and copolymers of esters.
8. The composition of claim 7, wherein said primary resin comprises at least one homopolymer or copolymer of styrene and substitution copolymers thereof.
9. The composition of claim 7, wherein said primary resin comprises at least one (meth)acrylate repeating structural unit.
10. The composition of claim 7, wherein said primary resin comprises at least one (meth)acrylic acid repeating structural unit.
11. The composition of claim 7, wherein said primary resin comprises a polymer reaction product incorporating at least one olefin.
12. The composition of claim 7, wherein said primary resin comprises a polymer reaction product incorporating at least one vinyl monomer.
13. The composition of claim 1, wherein said secondary resin comprises different repeating structural units in proportions such that the proportion of said repeating structural units compatible with said repeating distinct structural units present in said primary resin exceeds the proportion of said repeating structural unit compatible with said
5 repeating distinct structural unit present in said wax release agent.

14. The composition of claim 1, wherein the structural units present in the secondary resin that are compatible with distinct repeating structural units present in the wax release agent are in the range of about 5 to about 95 weight percent of the molecular weight of the secondary resin.

15. The composition of claim 1, wherein said structural units present in the secondary resin that are compatible with distinct repeating structural units present in the wax release agent are in the range of about 60 to about 85 weight percent of the molecular weight of the secondary resin.

16. The composition of claim 1, wherein said secondary resin is an ethylene/n-butyl acrylate random copolymer.

17. The composition of claim 1, wherein said secondary resin is an ethylene/ethyl acrylate/styrene random copolymer with a number-average molecular weight of at least 40,000 g/mole.

18. The composition of claim 10, wherein said wax release agent is selected from the group consisting of polyethylene, polypropylene, copolymers of ethylene and propylene, and mixtures thereof, and said secondary resin contains at least one repeating structural unit comprising a styrene group.

19. The composition of claim 11, wherein said wax release agent is selected from the group consisting of polyethylene and polypropylene, copolymers of ethylene and propylene, and mixtures thereof, and said secondary resin contains at least one repeating structural unit comprising a (meth)acrylate group.

20. The composition of claim 11, wherein said wax release agent is selected from the group consisting of polyethylene and polypropylene, copolymers of ethylene and propylene, and mixtures thereof, and said secondary resin contains at least one repeating structural unit comprising a (meth)acrylic acid group.

21. The composition of claim 12, wherein said wax release agent is selected from the group consisting of polyethylene and polypropylene, copolymers of ethylene and propylene, and mixtures thereof, and said secondary resin contains at least one repeating structural unit comprising an olefin group.

22. A developer comprising the toner composition of claim 1.

23. A process of preparing an improved toner composition comprising steps of:

- a) combining materials comprising a primary resin having at least one distinct repeating structural unit, a wax release agent having at least one distinct repeating structural unit, and a random copolymer comprising at least one structural unit compatible with at least one distinct repeating structural unit present in said primary resin and at least one structural unit compatible with at least one distinct repeating structural unit present in said wax,
- b) extruding the ingredients under conditions effective to form a melt-mixed, molten mass,
- c) hardening the extruded material, and
- d) grinding the extruded and hardened product.

24. The process of claim 23, wherein at least some fines are removed from the toner particles.

25. The process of claim 23, wherein said random copolymer is added in an amount effective to at least partially compatibilize said primary resin and said wax release agent.

26. The process of claim 23, wherein said random copolymer is present in an amount effective to produce maximum wax domain sizes of about 0.5-3.5 microns in the finished toner.

27. The process of claim 23, wherein said random copolymer is present in an amount effective to reduce the differential of wax content between the toner particles of said composition and the fines to less than about 20 weight percent.

28. A random copolymer compatibilizer comprising the reaction product between a first monomer compatible with a base resin and a second monomer compatible with a wax release agent, wherein:

said first monomer exhibits a monomer 1 reactivity ratio with respect to
said second monomer wherein the monomer 1 reactivity ratio is
greater than 1,

said second monomer exhibits a monomer 2 reactivity ratio with respect to
said first monomer wherein the monomer 2 reactivity ratio is
greater than 1,

and said second monomer is present in the reaction mixture at 15-85
weight percent with respect to said first monomer.

29. A random copolymer compatibilizer comprising the reaction product between a first monomer compatible with a base resin and a second monomer compatible with a wax release agent, wherein:

5 said first monomer exhibits a monomer 1 reactivity ratio with respect to
 said second monomer wherein the monomer 1 reactivity ratio is
 greater than 1,
 said second monomer exhibits a monomer 2 reactivity ratio with respect to
 said first monomer wherein the monomer 2 reactivity ratio is
 greater than 1,
10 and said second monomer is present in the reaction mixture at 30-70
 weight percent with respect to said first monomer.

30. In a toner composition comprising about 100 parts of a styrene/acrylic random
copolymer base resin and about 3 parts of a polyethylene wax additive an improved
method of compatibilizing the components, the improvement comprising:
 adding a high molecular weight random copolymer compatibilizer until it is
5 present in said toner composition to a level that is about 1.5 weight percent
 relative to the weight of said styrene/acrylic random copolymer, wherein
 said compatibilizer comprises 81 weight percent ethylene and 19 weight
 percent n-butyl acrylate monomer units.